

WHAT IS CLAIMED IS:

1. An arrangement for reducing noise level in a tobacco-processing production machine, comprising in combination:

a tobacco-processing production machine having an operator region and reflection surfaces facing the operator region; and

sound-damping material disposed on the reflection surfaces facing the operator region.

2. The arrangement according to claim 1, wherein the production machine comprises at least two production machines disposed at an angle to one another and forming a production line.

3. The arrangement according to claim 1, wherein damping material includes sound-damping structure facing the operator region.

4. The arrangement according to claim 1, wherein the production machine includes cladding that forms the

reflection surfaces and the sound damping material comprises damping mats disposed on the cladding.

sbB1 5. The arrangement according to claim 4, wherein the damping mats comprise exchangeable damping elements having a neutral shape.

6. The arrangement according to claim 5, wherein the damping elements comprise truncated cones connected to the machine cladding by a central screw connection.

sbB2 7. The arrangement according to claim 5, wherein the truncated cones have absorption surfaces and the damping elements include cladding sheets having openings in the manner of a sieve covering the truncated cones.

8. The arrangement according to claim 1, wherein the production machine includes a removable carriage having inside plates and outside sieve-like cladding sheets, and the sound damping material comprises damping mats disposed between the inside reflection plates and the outside, sieve-like cladding sheets.

9. The arrangement according to claim 8, wherein the removable carriage includes a corner profile strip having a hollow space filled with the damping material, and the reflection plates and cladding sheets are insertable into the corner-profile strips.

10. The arrangement according to claim 1, wherein the production machine includes a door having inside and outside cladding sheets with reflection surface interposed between the inside and outside cladding sheets defining hollow spaces between the reflection surface and a respective one of the inside and outside cladding sheets, and wherein the damping material comprises damping mats filling the hollow spaces, and the door further includes a profile frame comprising a hollow body having a pivoting axis and recessed sealing elements and the cladding sheets are inserted into the profile frame.

11. The arrangement according to claim 10, further including spacing sleeves screwed together and stabilizing the cladding sheets and the reflection surface.

12. The arrangement according to claim 1, wherein the production machine includes a window flap comprising two viewing panes, a profile strip into which the viewing panes are inserted, and a cladding sheet inserted into the profile strip and limiting a hollow space filled with damping mats.

13. The arrangement according to claim 2, wherein the production line is limited by at least one personnel standing region that is provided with a damping layer .

14. The arrangement according to claim 13, wherein the damping layer comprises exchangeable damping tiles that cover an entire surface beneath the production machines.

15. The arrangement according to claim 14, wherein the damping tiles comprise grid-type supports having tile boxes filled with damping material.

16. The arrangement according to claim 15, wherein the tile boxes include a gridiron support forming a standing surface.

17. The arrangement according to claim 16, wherein the damping tiles have stress-specific covers inserted into the gridiron support.

18. The arrangement according to claim 15, wherein the tile box includes a gridiron support including elevations, and lateral and floor-side buffers.

19. The arrangement according to claim 17, wherein the gridiron support of a tile box has rounded edges, the tile box includes a fine-mesh sieve positioned on the damping mat, a sound-permeable film that covers the fine-mesh sieve, and the gridiron support rests on the sound-permeable film.

5683 20. The arrangement according to claim 1, wherein the production machine has air-flow cross sections for supplying process and the air-flow cross sections are predominantly concentrated in flow conduits clad with sound-damping material.

21. The arrangement according to claim 20, wherein the sound-damped flow conduits are concentrated in a floor region of the production machine.

22. The arrangement according to claim 20, wherein the production machine has cladding with air-passage gaps which are configured as sound-absorbing damping gaps.

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